

PROJECT COST

PROJECT NAME:

LITTLE TORCH KEY ROADS III

PROJECT NUMBER:

560630 R98329
530340

YEAR: 2000-2001

DESCRIPTION:

Addition of bike lanes and roadway improvements which include base construction with asphalt surface, regrading roadway shoulders, pavement markings, traffic sign installation, removal and relocation and other related roadway construction as shown on the drawings and included in the technical specifications

ROAD NAME		SUBDIVISION	KEY
State Road 4A	*		Little Torch Key
County Road	*	Windward Beach Estates	Little Torch Key
Helen Avenue		Ladies Acre 1st Add.	Little Torch Key
Dorothy Avenue		Ladies Acre Ammd	Little Torch Key
Julia Avenue		Ladies Acre Ammd	Little Torch Key
Aloha Drive		Windward Beach Estates	Little Torch Key
Gato Road	*	Torchwood	Little Torch Key
Mills Road	*	Torchwood	Little Torch Key
Warner Road		Torchwood	Little Torch Key
Barry Avenue	*	Barry Beach	Little Torch Key

* Eligible Collector Road

A. ENGINEERING COSTS BY MONROE COUNTY:

Actual Cost**

TOTAL

\$54,565.18

** See Appendix D for Details

PROJECT COST

B. CONSTRUCTION COSTS:

	Quantity		Unit Cost	Actual Cost***
1. General Provisions	1	ls	\$30,000.00	\$30,000.00
2. Maintenance of Traffic	1	ls	\$10,000.00	\$10,000.00
3. Sitework	1	ls	\$60,000.00	\$60,000.00
4. Invasive Exotic Tree Removal	1	ls	\$68,000.00	\$68,000.00
5. Optional Base Course (Asphalt or Limerock)	13110	sy	\$8.00	\$104,880.00
6. Asphalt Concrete Leveling Course (1/2"CompMin)	55354	sy	\$3.00	\$166,062.00
7. Asphalt Concrete Surface Course (1"CompMin)	55354	sy	\$4.00	\$221,416.00
8. Additional Fill	94	sy	\$18.00	\$1,504.00
9. Turbidity Barrier	9650	lf	\$2.00	\$19,300.00
10. 6" Yellow Solid Pavement Marking (Thermo)	5752	lf	\$0.70	\$4,026.40
11. 6" Yellow Skip Pavement Marking (Thermo)	3602	lf	\$0.75	\$2,701.50
12. Bike Crossing Striping-White 12"x5'	1565	lf	\$2.20	\$3,443.00
13. 6" White Stripe (Thermo)	23262	lf	\$0.70	\$16,283.40
14. 24" White Stop Bar (Thermo)	277	lf	\$3.00	\$831.00
15. White "Stop" Message (Thermo)	15	ea	\$100.00	\$1,500.00
16. Amber Reflective Pavement Marking	348	ea	\$4.00	\$1,392.00
17. White Bike Lane Diamond	138	ea	\$50.00	\$6,900.00
18. Temporary Paint Striping	1	ls	\$5,000.00	\$5,000.00
19. Guardrail (removal and replacement)	30	lf	\$100.00	\$3,000.00
20. Traffic Signs w/Post	28	ea	\$200.00	\$5,600.00
21. Delineators	2	ea	\$130.00	\$260.00
22. Traffic Sign w/Post Relocation	3	ea	\$100.00	\$300.00
23. Traffic sign w/Post Removal	1	ea	\$50.00	\$50.00
TOTAL				<u>\$732,449.30</u>

*** See Appendix E for Details

PROJECT COST

C. SUMMARY OF ELIGIBLE COLLECTOR COSTS:

	ELIGIBLE COLLECTOR ROADS			BIKE PATHS			TOTAL ELIGIBLE COLLECTORS
	13.90% *			84.70% **			
ENGINEERING COSTS:	Quantity	Unit Price	Total	Quantity	Unit Price	Total	
		\$54,565.18 *	\$7,604.76		\$54,565.18 **	\$46,339.67	\$53,944.43
ENGINEERING COST			<u>\$7,604.76</u>			<u>\$46,339.67</u>	<u>\$53,944.43</u>
CONSTRUCTION COSTS:							
1. General Provisions		\$30,000.00 *	\$4,170.00		\$30,000.00 **	\$25,410.00	\$29,580.00
2. Maintenance of Traffic		\$10,000.00 *	\$1,390.00		\$10,000.00 **	\$8,470.00	\$9,860.00
3. Sitework		\$60,000.00 *	\$8,340.00		\$60,000.00 **	\$50,820.00	\$59,160.00
4. Invasive Exotic Tree Removal		\$68,000.00 *	\$9,452.00		\$68,000.00 **	\$57,596.00	\$67,048.00
5. Optional Base Course (Asphalt or Limerock)	588	\$8.00	\$4,704.00	11464	\$8.00	\$91,712.00	\$96,416.00
6. Asphalt Concrete Leveling Course (1/2"CompMin)	7701	\$3.00	\$23,103.00	38482	\$3.00	\$115,446.00	\$138,549.00
7. Asphalt Concrete Surface Course (1"CompMin)	7701	\$4.00	\$30,804.00	38482	\$4.00	\$153,928.00	\$184,732.00
8. Additional Fill							
9. Turbidity Barrier				9650	\$2.00	\$19,300.00	\$19,300.00
10. 6" Yellow Solid Pavement Marking (Thermo)	456	\$0.70	\$319.20	3800	\$0.70	\$2,660.00	\$2,979.20
11. 6" Yellow Skip Pavement Marking (Thermo)				2520	\$0.75	\$1,890.00	\$1,890.00
12. Bike Crossing Striping-White 12"x5'				403	\$2.20	\$886.60	\$886.60
13. 6" White Stripe (Thermo)				23009	\$0.70	\$16,106.30	\$16,106.30
14. 24" White Stop Bar (Thermo)				195	\$3.00	\$585.00	\$585.00
15. White "Stop" Message (Thermo)				6	\$100.00	\$600.00	\$600.00
16. Amber Reflective Pavement Marking				348	\$4.00	\$1,392.00	\$1,392.00
17. White Bike Lane Diamond				138	\$50.00	\$6,900.00	\$6,900.00
18. Temporary Paint Striping		\$5,000.00 *	\$695.00		\$5,000.00 **	\$4,235.00	\$4,930.00
19. Guardrail (removal and replacement)							
20. Traffic Signs w/Post	9	\$200.00	\$1,800.00	15	\$200.00	\$3,000.00	\$4,800.00
21. Delineators				2	\$130.00	\$260.00	\$260.00
22. Traffic Sign w/Post Relocation							
23. Traffic sign w/Post Removal							
CONSTRUCTION COST			<u>\$84,777.20</u>			<u>\$561,196.90</u>	<u>\$645,974.10</u>

* Percentage equals actual total square yardage of collector roads asphaltic leveling course divided by total project asphaltic surface course square yardage (7701/55354 = 13.9%)

** Percentage equals actual total square yardage of bike path asphaltic leveling course divided by total project asphaltic surface course square yardage (46890/55354 = 84.7%)

PROJECT COST

D. COSTS:

ELIGIBLE COLLECTOR

OTHERS

TOTAL

ENGINEERING COSTS:

TOTAL ENGINEERING COST

\$53,944.43

\$620.75

\$54,565.18

CONSTRUCTION COSTS:

1. General Provisions	\$29,580.00	\$420.00	\$30,000.00
2. Maintenance of Traffic	\$9,860.00	\$140.00	\$10,000.00
3. Sitework	\$59,160.00	\$840.00	\$60,000.00
4. Invasive Exotic Tree Removal	\$67,048.00	\$952.00	\$68,000.00
5. Optional Base Course (Asphalt or Limerock)	\$96,416.00	\$8,464.00	\$104,880.00
6. Asphalt Concrete Leveling Course (1/2"CompMin)	\$138,549.00	\$27,513.00	\$166,062.00
7. Asphalt Concrete Surface Course (1"CompMin)	\$184,732.00	\$36,684.00	\$221,416.00
8. Additional Fill	\$0.00	\$1,504.00	\$1,504.00
9. Turbidity Barrier	\$19,300.00	\$0.00	\$19,300.00
10. 6" Yellow Solid Pavement Marking (Thermo)	\$2,979.20	\$1,047.20	\$4,026.40
11. 6" Yellow Skip Pavement Marking (Thermo)	\$1,890.00	\$811.50	\$2,701.50
12. Bike Crossing Striping-White 12"x5'	\$886.60	\$2,556.40	\$3,443.00
13. 6" White Stripe (Thermo)	\$16,106.30	\$177.10	\$16,283.40
14. 24" White Stop Bar (Thermo)	\$585.00	\$246.00	\$831.00
15. White "Stop" Message (Thermo)	\$600.00	\$900.00	\$1,500.00
16. Amber Reflective Pavement Marking	\$1,392.00	\$0.00	\$1,392.00
17. White Bike Lane Diamond	\$6,900.00	\$0.00	\$6,900.00
18. Temporary Paint Striping	\$4,930.00	\$70.00	\$5,000.00
19. Guardrail (removal and replacement)	\$0.00	\$3,000.00	\$3,000.00
20. Traffic Signs w/Post	\$4,800.00	\$800.00	\$5,600.00
21. Delineators	\$260.00	\$0.00	\$260.00
22. Traffic Sign w/Post Relocation	\$0.00	\$300.00	\$300.00
23. Traffic sign w/Post Removal	\$0.00	\$50.00	\$50.00

TOTAL CONSTRUCTION COST

\$645,974.10

\$86,475.20

\$732,449.30

TOTAL COST FOR COLLECTOR ROADS:

\$699,918.51

(ENGINEERING + CONSTRUCTION COSTS)

PROJECT COST

PROJECT NAME: RAMROD KEY ROADS II PROJECT NUMBER: 102 22506 560630 R97305 530340 YEAR: 2001

DESCRIPTION: Roadway improvements which include base construction, base widening, grinding down flowable fill, regrading roadway shoulders, asphalt leveling, asphalt resurfacing, concrete slab, pavement markings, traffic sign installation and relocation, exotic invasive removal, tree removal and other related roadway construction as shown on the drawings and included in the technical specifications

ROAD NAME	SUBDIVISION	KEY
Bay Shore Drive	Silver Shores Estates	Ramrod Key
Johnson Street	* Silver Shores Estates	Ramrod Key
Mariposa Road	Ramrod Shores 1st	Ramrod Key
Angelfish Road	Ramrod Shores	Ramrod Key
Coral Avenue	* Ramrod Shores 2nd	Ramrod Key
Brown Drive	Ramrod Shores 3rd	Ramrod Key
Mako Avenue	* Ramrod Shores	Ramrod Key
Shannahan Road	Ramrod Shores 1st	Ramrod Key
Dolphin Road	Ramrod Shores	Ramrod Key
Munson Avenue	* Ramrod Shores	Ramrod Key
Lesrohde Drive	Ramrod Shores Marina Section	Ramrod Key
SR 4A	* Ramrod Shores	Ramrod Key

* Eligible Collector Road

A. ENGINEERING COSTS BY MONROE COUNTY:

	Actual Cost**
TOTAL	\$46,387.84

** See Appendix D for Details

PROJECT COST

B. CONSTRUCTION COSTS:

	<u>Quantity</u>		<u>Unit Cost</u>	<u>Actual Cost***</u>
1. General Provisions	1	ls	\$37,000.00	\$37,000.00
2. Maintenance of Traffic	1	ls	\$5,200.00	\$5,200.00
3. Sitework	1	ls	\$13,000.00	\$13,000.00
4. Invasive Exotic Tree Removal	1	ls	\$11,500.00	\$11,500.00
5. Optional Base Course (Asphalt or Limerock)	4932	sy	\$5.75	\$28,359.00
6. Asphalt Concrete Leveling Course (1/2"CompMin)	56403	sy	\$2.25	\$126,906.75
7. Asphalt Concrete Surface Course (1"CompMin)	56403	sy	\$4.30	\$242,532.90
8. 8" White Stripe	350	sy	\$1.00	\$350.00
9. Riprap	150	sf	\$8.00	\$1,200.00
10. Guardrail	30	lf	\$74.00	\$2,220.00
11. Turbidity Barrier	2800	lf	\$1.40	\$3,920.00
12. 6" Yellow Solid Pavement Marking (Thermo)	5900	lf	\$0.70	\$4,130.00
13. 6" Yellow Skip Pavement Marking (Thermo)	1920	lf	\$0.75	\$1,440.00
14. Bike Crossing Striping-White 12"x4'	474	lf	\$1.95	\$924.30
15. 6" White Stripe (Thermo)	2105	lf	\$0.70	\$1,473.50
16. 24" White Stop Bar (Thermo)	525	lf	\$3.20	\$1,680.00
17. White "Stop" Message (Thermo)	27	ea	\$105.00	\$2,835.00
18. Amber Reflective Pavement Marking	48	ea	\$4.60	\$220.80
19. 18" Gore Strip (Thermo)	182	lf	\$2.40	\$436.80
20. White Bike Lane Diamond	20	ea	\$22.80	\$456.00
21. Temporary Paint Striping	1	ls	\$5,200.00	\$5,200.00
22. Traffic Signs w/Post	0	ea	\$260.00	\$0.00
23. Traffic Sign Relocation	9	ea	\$260.00	\$2,340.00
24. Traffic sign Removal	0	ea	\$115.00	\$0.00
25. Delineators	0	ea	\$175.00	\$0.00
26. Delineators Relocation	0	ea	\$175.00	\$0.00
TOTAL				<u><u>\$493,325.05</u></u>

*** See Appendix E for Details

PROJECT COST

C. SUMMARY OF ELIGIBLE COLLECTOR COSTS

	ELIGIBLE COLLECTOR ROADS 45.6% *			BIKE PATHS 13.10% **			TOTAL ELIGIBLE COLLECTORS
	Quantity	Unit Price	Total	Quantity	Unit Price	Total	
ENGINEERING COSTS:		\$46,387.84 *	\$18,681.92		\$46,387.84 **	\$5,366.96	\$24,048.88
ENGINEERING COST			\$18,681.92			\$5,366.96	\$24,048.88
CONSTRUCTION COSTS:							
1. General Provisions		\$37,000.00 *	\$16,872.00		\$37,000.00 **	\$4,847.00	\$21,719.00
2. Maintenance of Traffic		\$5,200.00 *	\$2,371.20		\$5,200.00 **	\$681.20	\$3,052.40
3. Sitework		\$13,000.00 *	\$5,928.00		\$13,000.00 **	\$1,703.00	\$7,631.00
4. Invasive Exotic Tree Removal		\$11,500.00 *	\$5,244.00		\$11,500.00 **	\$1,506.50	\$6,750.50
5. Optional Base Course (Asphalt or Limerock)	997	\$5.75	\$5,732.75	1619	\$5.75	\$9,309.25	\$15,042.00
6. Asphalt Concrete Leveling Course (1/2"CompMin)	25737	\$2.25	\$57,908.25	7394	\$2.25	\$16,636.50	\$74,544.75
7. Asphalt Concrete Surface Course (1"CompMin)	25737	\$4.30	\$110,669.10	7394	\$4.30	\$31,794.20	\$142,463.30
8. 8" White Stripe	206	\$1.00	\$206.00	144	\$1.00	\$144.00	\$350.00
9. Riprap		\$8.00			\$8.00		
10. Guardrail		\$74.00			\$74.00		
11. Turbidity Barrier		\$1.40			\$1.40		
12. 6" Yellow Solid Pavement Marking (Thermo)	1786	\$0.70	\$1,250.20	740	\$0.70	\$518.00	\$1,768.20
13. 6" Yellow Skip Pavement Marking (Thermo)	1680	\$0.75	\$1,260.00	240	\$0.75	\$180.00	\$1,440.00
14. Bike Crossing Striping-White 12"x4'		\$1.95		474	\$1.95	\$924.30	\$924.30
15. 6" White Stripe (Thermo)	120	\$0.70	\$84.00	1600	\$0.70	\$1,120.00	\$1,204.00
16. 24" White Stop Bar (Thermo)	297	\$3.20	\$950.40	30	\$3.20	\$96.00	\$1,046.40
17. White "Stop" Message (Thermo)	16	\$105.00	\$1,680.00	2	\$105.00	\$210.00	\$1,890.00
18. Amber Reflective Pavement Marking	24	\$4.60	\$110.40	20	\$4.60	\$92.00	\$202.40
19. 18" Gore Strip (Thermo)	92	\$2.40	\$220.80	90	\$2.40	\$216.00	\$436.80
20. White Bike Lane Diamond		\$22.80		20	\$22.80	\$456.00	\$456.00
21. Temporary Paint Striping		\$5,200.00 *	\$2,371.20		\$5,200.00 **	\$681.20	\$3,052.40
22. Traffic Signs w/Post		\$260.00			\$260.00		\$0.00
23. Traffic Sign Relocation	6	\$260.00	\$1,560.00	3	\$260.00	\$780.00	\$2,340.00
24. Traffic sign Removal		\$115.00			\$115.00		
25. Delineators		\$175.00			\$175.00		
26. Delineators Relocation		\$175.00			\$175.00		
CONSTRUCTION COSTS			\$214,418.30			\$71,895.15	\$286,313.45

* Percentage equals actual total square yardage of collector roads asphaltic surface course divided by total project asphaltic surface course square yardage (25737/56403=45.6%)

** Percentage equals actual total square yardage of bike path asphaltic surface course divided by total project asphaltic surface course square yardage (7394/56403=13.1%)

PROJECT COST

D. COSTS PER ROAD:	<u>ELIGIBLE COLLECTOR</u>	<u>OTHERS</u>	<u>TOTAL</u>
ENGINEERING COSTS:			
TOTAL ENGINEERING COST	<u>\$24,048.88</u>	<u>\$22,338.96</u>	<u>\$46,387.84</u>
CONSTRUCTION COSTS:			
1. General Provisions	\$21,719.00	\$15,281.00	\$37,000.00
2. Maintenance of Traffic	\$3,052.40	\$2,147.60	\$5,200.00
3. Sitework	\$7,631.00	\$5,369.00	\$13,000.00
4. Invasive Exotic Tree Removal	\$6,750.50	\$4,749.50	\$11,500.00
5. Optional Base Course (Asphalt or Limerock)	\$15,042.00	\$13,317.00	\$28,359.00
6. Asphalt Concrete Leveling Course (1/2"CompMin)	\$74,544.75	\$52,362.00	\$126,906.75
7. Asphalt Concrete Surface Course (1"CompMin)	\$142,463.30	\$100,069.60	\$242,532.90
8. 8" White Stripe *	\$350.00	\$0.00	\$350.00
9. Riprap	\$0.00	\$1,200.00	\$1,200.00
10. Guardrail	\$0.00	\$2,220.00	\$2,220.00
11. Turbidity Barrier	\$0.00	\$3,920.00	\$3,920.00
12. 6" Yellow Solid Pavement Marking (Thermo)	\$1,768.20	\$2,361.80	\$4,130.00
13. 6" Yellow Skip Pavement Marking (Thermo)	\$1,440.00	\$0.00	\$1,440.00
14. Bike Crossing Striping-White 12"x4'	\$924.30	\$0.00	\$924.30
15. 6" White Stripe (Thermo)	\$1,204.00	\$269.50	\$1,473.50
16. 24" White Stop Bar (Thermo)	\$1,046.40	\$633.60	\$1,680.00
17. White "Stop" Message (Thermo)	\$1,890.00	\$945.00	\$2,835.00
18. Amber Reflective Pavement Marking	\$202.40	\$18.40	\$220.80
19. 18" Gore Strip (Thermo)	\$436.80	\$0.00	\$436.80
20. White Bike Lane Diamond	\$456.00	\$0.00	\$456.00
21. Temporary Paint Striping	\$3,052.40	\$2,147.60	\$5,200.00
22. Traffic Signs w/Post	\$0.00	\$0.00	\$0.00
23. Traffic Sign Relocation	\$2,340.00	\$0.00	\$2,340.00
24. Traffic sign Removal	\$0.00	\$0.00	\$0.00
25. Delineators	\$0.00	\$0.00	\$0.00
26. Delineators Relocation	\$0.00	\$0.00	\$0.00
TOTAL CONSTRUCTION COST	<u>\$286,313.45</u>	<u>\$207,011.60</u>	<u>\$493,325.05</u>
TOTAL COST FOR COLLECTOR ROADS:	<u>\$310,362.33</u>		
(ENGINEERING + CONSTRUCTION COSTS)			

PROJECT COST

PROJECT NAME: **ROCKLAND KEY ROADS I** PROJECT NUMBER: 102 22506 560630 R99301 530340 YEAR: 2001-2002

DESCRIPTION: Addition of bike lanes and roadway improvements which include base construction, base widening, grinding down flowable fill, regrading roadway shoulders, asphalt leveling, asphalt resurfacing, concrete slab, pavement markings, traffic sign installation and relocation, exotic invasive removal, tree removal and other related roadway construction as shown on the drawings and included in the technical specifications

ROAD NAME		SUBDIVISION	KEY
Calle Uno	*	Rockland Village	Rockland Key
Rockland Avenue		Rockland Village	Rockland Key
Calle Dos		Rockland Village	Rockland Key
Rockland Drive	*	Rockland Hammock	East Rockland Key
Hammock Drive	*	Rockland Hammock	East Rockland Key
Park Drive	*	Rockland Hammock #2	East Rockland Key
Beach Drive		Rockland Hammock #2	East Rockland Key
A Street	*	Rockland Hammock	East Rockland Key
Palm Drive		Rockland Hammock #2	East Rockland Key
Shore Drive		Rockland Hammock #2	East Rockland Key

* Eligible Collector Road

A. ENGINEERING COSTS BY MONROE COUNTY:

	Actual Cost**
TOTAL	\$28,383.83

** See Appendix D for Details

PROJECT COST

B. CONSTRUCTION COSTS:

	Quantity		Unit Cost	Actual Cost***
1. General Provisions	1	ls	\$40,000.00	\$40,000.00
2. Maintenance of Traffic	1	ls	\$9,000.00	\$9,000.00
3. Sitework	1	ls	\$15,000.00	\$15,000.00
Additional 380 '	1	ls	\$500.00	\$500.00
4. Invasive Exotic Tree Removal	1	ls	\$11,000.00	\$11,000.00
5. Asphaltic Leveling Course (1/2" min) inc Driveways	24524.85	sy	\$3.50	\$85,836.98
6. Asphaltic Surface Course (1" min) inc Driveways	25585.84	sy	\$4.75	\$121,532.74
7. Asphalt Leveling Course (1" min) inc Driveways	3215	sy	\$4.75	\$15,271.25
8. Asphaltic Surface Course (1-1/2" min) inc Driveways	3375.55	sy	\$7.00	\$23,628.85
9. Seepage Trench	420	sy	\$75.00	\$31,500.00
10. Optional Base Course *	1345	sy	\$5.50	\$7,397.50
11. Turbidity Barrier	0.00	lf	\$0.85	\$0.00
12. 6" Yellow Solid Pavement Marking (Thermo)	4375	lf	\$0.56	\$2,450.00
13. 6" Yellow Skip Pavement Marking (Thermo)	335	lf	\$0.62	\$207.70
14. 6" White Stripe (Thermo)	495	lf	\$0.56	\$277.20
15. 24" White Stop Bar (Thermo)	175	lf	\$2.60	\$455.00
16. 18" White Gore Stripe	170	lf	\$2.10	\$357.00
17. White "Stop" Message (Thermo)	12	ea	\$75.00	\$900.00
18. Temporary Paint Striping	1	ls	\$1,900.00	\$1,900.00
19. Traffic Signs w/Post	11	ea	\$250.00	\$2,750.00
20. Traffic Sign Relocation	12	ea	\$100.00	\$1,200.00
21. Sea Grape Trees (Coccoloba Uvifera) 12'-15' tall	36	ea	\$385.00	\$13,860.00
22. Traffic Signs New	7	ea	\$80.00	\$560.00
			TOTAL	<u>\$385,584.22</u>

*** See Appendix E for Details

PROJECT COST

C. SUMMARY OF ELIGIBLE COLLECTOR COSTS:

		ELIGIBLE COLLECTOR ROADS 75.4% *	TOTAL ELIGIBLE COLLECTORS
		Quantity	Unit Price
<i>ENGINEERING COSTS:</i>			
			\$28,383.83 *
			\$21,401.41
ENGINEERING COST			\$21,401.41
<i>CONSTRUCTION COSTS:</i>			
1. General Provisions			\$40,000.00 *
2. Maintenance of Traffic			\$9,000.00 *
3. Sitework			\$15,000.00 *
	Additional 380 '		\$500.00 *
4. Invasive Exotic Tree Removal			\$11,000.00 *
5. Asphaltic Leveling Course (1/2" min) inc Driveways	18576	\$3.50	\$65,016.00
6. Asphaltic Surface Course (1" min) inc Driveways	19522	\$4.75	\$92,729.50
7. Asphalt Leveling Course (1" min) inc Driveways	3215	\$4.75	\$15,271.25
8. Asphaltic Surface Course (1-1/2" min) inc Driveways	3375.55	\$7.00	\$23,628.85
9. Seepage Trench			\$0.00
10. Optional Base Course *	880	\$5.50	\$4,840.00
11. Turbidity Barrier			\$0.00
12. 6" Yellow Solid Pavement Marking (Thermo)	2775	\$0.56	\$1,554.00
13. 6" Yellow Skip Pavement Marking (Thermo)	330	\$0.62	\$204.60
14. 6" White Stripe (Thermo)	180	\$0.56	\$100.80
15. 24" White Stop Bar (Thermo)		\$2.60 x 117 =	\$304.20
16. 18" White Gore Stripe			\$0.00
17. White "Stop" Message (Thermo)	9	\$75.00	\$675.00
18. Temporary Paint Striping		\$1,900.00 *	\$1,432.60
19. Traffic Signs w/Post	11	\$250.00	\$2,750.00
20. Traffic Sign Relocation			\$0.00
21. Sea Grape Trees (Coccoloba Uvifera) 12'-15' tall			\$0.00
22. Traffic Signs New			\$0.00
CONSTRUCTION COST			\$265,433.80

* Percentage equals actual total square yardage of eligible collector asphaltic surface course divided by total project asphaltic surface course square yardage (18576/24640=75.4%)

PROJECT COST

D. COSTS:

ENGINEERING COSTS:

TOTAL ENGINEERING COST

ELIGIBLE COLLECTOR

OTHERS

TOTAL

\$21,401.41

\$6,982.42

\$28,383.83

CONSTRUCTION COSTS:

1. General Provisions	\$30,160.00	\$9,840.00	\$40,000.00
2. Maintenance of Traffic	\$6,786.00	\$2,214.00	\$9,000.00
3. Sitework	\$11,310.00	\$3,690.00	\$15,000.00
Additional 380 '	\$377.00	\$123.00	\$500.00
4. Invasive Exotic Tree Removal	\$8,294.00	\$2,706.00	\$11,000.00
5. Asphaltic Leveling Course (1/2" min) inc Driveways	\$65,016.00	\$20,820.98	\$85,836.98
6. Asphaltic Surface Course (1" min) inc Driveways	\$92,729.50	\$28,803.24	\$121,532.74
7. Asphalt Leveling Course (1" min) inc Driveways	\$15,271.25	\$0.00	\$15,271.25
8. Asphaltic Surface Course (1-1/2" min) inc Driveways	\$23,628.85	\$0.00	\$23,628.85
9. Seepage Trench	\$0.00	\$31,500.00	\$31,500.00
10. Optional Base Course *	\$4,840.00	\$2,557.50	\$7,397.50
11. Turbidity Barrier	\$0.00	\$0.00	\$0.00
12. 6" Yellow Solid Pavement Marking (Thermo)	\$1,554.00	\$896.00	\$2,450.00
13. 6" Yellow Skip Pavement Marking (Thermo)	\$204.60	\$3.10	\$207.70
14. 6" White Stripe (Thermo)	\$100.80	\$176.40	\$277.20
15. 24" White Stop Bar (Thermo)	\$304.20	\$150.80	\$455.00
16. 18" White Gore Stripe	\$0.00	\$357.00	\$357.00
17. White "Stop" Message (Thermo)	\$675.00	\$225.00	\$900.00
18. Temporary Paint Striping	\$1,432.60	\$467.40	\$1,900.00
19. Traffic Signs w/Post	\$2,750.00	\$0.00	\$2,750.00
20. Traffic Sign Relocation	\$0.00	\$1,200.00	\$1,200.00
21. Sea Grape Trees (Coccoloba Uvifera) 12'-15' tall	\$0.00	\$13,860.00	\$13,860.00
22. Traffic Signs New	\$0.00	\$560.00	\$560.00

TOTAL CONSTRUCTION COST

\$265,433.80

\$120,150.42

\$385,584.22

TOTAL COST FOR COLLECTOR ROADS:

(ENGINEERING + CONSTRUCTION COSTS)

\$286,835.21

PROJECT COST

PROJECT NAME: SHRIMP ROAD PROJECT NUMBER: 102 22506 560630 R02301 560630 YEAR: 2001-2002

DESCRIPTION: Constructing the asphaltic concrete surface course and leaving the project site in original or better condition and any other such work as may be shown on the drawings or required to complete the project.

ROAD NAME	SUBDIVISION	KEY
Shrimp Road *		Stock Island

* Eligible Collector Road

A. ENGINEERING COSTS BY MONROE COUNTY:

	<u>Actual Cost**</u>
TOTAL	<u>\$4,986.79</u>

** See Appendix D for Details

PROJECT COST

B. CONSTRUCTION COSTS:

<u>Base Work</u>		<u>Quantity</u>		<u>Unit Cost</u>	<u>Actual Cost***</u>
1.	General Provisions	1	ls	\$500.00	\$500.00
2.	Maintenance of Traffic	1	ls	\$2,000.00	\$2,000.00
3.	Sitework	1	ls	\$5,250.00	\$5,250.00
4.	Asphalt Demolition and Removal	1455	sy	\$1.50	\$2,182.50
5.	Limerock Base Work	1455	sy	\$6.50	\$9,457.50
(Complete: materials, labor, equipment)					
TOTAL					\$19,390.00

*** See Appendix E for Details

<u>Paving</u>		<u>Quantity</u>		<u>Unit Cost</u>	<u>Actual Cost***</u>
1.	General Provisions	1	ls	\$0.00	\$0.00
2.	Maintenance of Traffic	1	ls	\$750.00	\$750.00
3.	Asphalt Surface Course (1-1/2"CompMin)	1462	sy	\$8.50	\$12,427.00
TOTAL					\$13,177.00

*** See Appendix E for Details

<u>Seepage Trench</u>		<u>Quantity</u>		<u>Unit Cost</u>	<u>Actual Cost***</u>
1.	General Provisions	1	ls	\$500.00	\$500.00
2.	Maintenance of Traffic	1	ls	\$960.00	\$960.00
3.	Sod (Approximately 3,800 sf wide)	3800	ls	\$0.88	\$3,344.00
4.	Exfiltration ditch (2' deep 2' wide)	730	lf	\$13.53	\$9,876.90
TOTAL					\$14,680.90

*** See Appendix E for Details

PROJECT COST

C. COSTS PER ROAD:

ENGINEERING COSTS:

TOTAL ENGINEERING COST

ELIGIBLE COLLECTOR	OTHERS	TOTAL
<u>\$4,986.79</u>	<u>\$0.00</u>	<u>\$4,986.79</u>

CONSTRUCTION COSTS:

1. General Provisions	\$1,000.00	\$0.00	\$1,000.00
2. Maintenance of Traffic	\$3,710.00	\$0.00	\$3,710.00
3. Sitework	\$5,250.00	\$0.00	\$5,250.00
4. Asphalt Demolition and Removal	\$2,182.50	\$0.00	\$2,182.50
5. Limerock Base Work	\$9,457.50	\$0.00	\$9,457.50
6. Asphalt Surface Course (1-1/2"CompMin	\$12,427.00	\$0.00	\$12,427.00
7. Sod	\$3,344.00	\$0.00	\$3,344.00
8. Exfiltration ditch (2' deep 2' wide)	\$9,876.90	\$0.00	\$9,876.90
TOTAL CONSTRUCTION COST	<u>\$47,247.90</u>	<u>\$0.00</u>	<u>\$47,247.90</u>

TOTAL COST FOR COLLECTOR ROADS:

(ENGINEERING + CONSTRUCTION COSTS)

\$52,234.69

PROJE) COST

PROJECT NAME: SUGARLOAF BOULEVARD PAVED PATHWAY PROJECT NUMBER: 102 22506 560630 R98330 530340 YEAR: 1999-2001

DESCRIPTION: Bike path and roadway improvements which include base construction, base widening, regrading roadway shoulders, asphalt leveling, asphalt resurfacing, pavement markings, traffic sign installation and relocation, exotic invasive removal, tree removal and other related roadway and bike path construction as shown on the drawings and included in the technical specifications

ROAD NAME	SUBDIVISION	KEY
Sugarloaf Boulevard *		Lower Sugarloaf Key

* Eligible Collector Road

A. ENGINEERING COSTS BY MONROE COUNTY:

TOTAL

Actual Cost**

\$31,488.66

** See Appendix D for Details

B. CONSTRUCTION COSTS:

	Quantity		Unit Cost	Actual Cost***
1. General Provisions	1	ls	\$22,000.00	\$22,000.00
2. Maintenance of Traffic	1	ls	\$4,500.00	\$4,500.00
3. Sitework	1	ls	\$8,000.00	\$8,000.00
4. Invasive Exotic Tree Removal	1	ls	\$1,000.00	\$1,000.00
5. Optional Base Course (Asphalt or Limerock)	5100	sy	\$9.50	\$48,450.00
6. Asphalt Concrete Leveling Course (1/2"CompMin)	20400	sy	\$3.00	\$61,200.00
7. Asphalt Concrete Surface Course (1"CompMin)	20400	sy	\$3.75	\$76,500.00
8. 6" Yellow Solid Pavement Marking (Thermo)	1600	lf	\$0.54	\$864.00
9. 6" Yellow Skip Pavement Marking (Thermo)	1270	lf	\$0.54	\$685.80
10. Bike Crossing Striping-White 12"x4'	244	lf	\$1.55	\$378.20
11. 6" White Stripe (Thermo)	11350	lf	\$0.54	\$6,129.00
12. 24" White Stop Bar (Thermo)	60	lf	\$3.00	\$180.00
13. White "Stop" Message (Thermo)	4	ea	\$93.50	\$374.00
14. Amber Reflective Pavement Marking	174	ea	\$4.40	\$765.60
15. Blue Reflective Pavement Markers	1	ea	\$8.80	\$8.80
16. White Bike Lane Diamond	62	ea	\$22.00	\$1,364.00
17. Traffic Signs w/Post	8	ea	\$215.00	\$1,720.00
			TOTAL	<u>\$234,119.40</u>

*** See Appendix E for Details

PROJE) COST

C. COSTS PER ROAD:

ENGINEERING COSTS:

TOTAL ENGINEERING COST

ELIGIBLE COLLECTOR	OTHERS	TOTAL
\$31,488.66	\$0.00	\$31,488.66

CONSTRUCTION COSTS:

1. General Provisions	\$22,000.00	\$0.00	\$22,000.00
2. Maintenance of Traffic	\$4,500.00	\$0.00	\$4,500.00
3. Sitework	\$8,000.00	\$0.00	\$8,000.00
4. Invasive Exotic Tree Removal	\$1,000.00	\$0.00	\$1,000.00
5. Optional Base Course (Asphalt or Limerock)	\$48,450.00	\$0.00	\$48,450.00
6. Asphalt Concrete Leveling Course (1/2"CompMin)	\$61,200.00	\$0.00	\$61,200.00
7. Asphalt Concrete Surface Course (1"CompMin)	\$76,500.00	\$0.00	\$76,500.00
8. 6" Yellow Solid Pavement Marking (Thermo)	\$864.00	\$0.00	\$864.00
9. 6" Yellow Skip Pavement Marking (Thermo)	\$685.80	\$0.00	\$685.80
10. Bike Crossing Striping-White 12"x4'	\$378.20	\$0.00	\$378.20
11. 6" White Stripe (Thermo)	\$6,129.00	\$0.00	\$6,129.00
12. 24" White Stop Bar (Thermo)	\$180.00	\$0.00	\$180.00
13. White "Stop" Message (Thermo)	\$374.00	\$0.00	\$374.00
14. Amber Reflective Pavement Marking	\$765.60	\$0.00	\$765.60
15. Amber Reflective Pavement Marking	\$8.80	\$0.00	\$8.80
16. White Bike Lane Diamond	\$1,364.00	\$0.00	\$1,364.00
17. Traffic Signs w/Post	\$1,720.00	\$0.00	\$1,720.00

TOTAL CONSTRUCTION COST

\$234,119.40	\$0.00	\$234,119.40
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TOTAL COST FOR COLLECTOR ROADS:

(ENGINEERING + CONSTRUCTION COSTS)

\$265,608.06

SUGARLOAF BOULEVARD PAVED PATHWAY

Collector Total:	<u>\$234,119.40</u>	Construction Cost
	<u>\$31,488.66</u>	Engineering Cost
Non-Collector Total:	<u>\$0.00</u>	
Reimbursable:	<u>100%</u>	

PROJECT COST

**In-House Paving
Big Pine Roads
R01505**

PROJECT NAME:

PROJECT NUMBER:

102 22507 560630 R01505

YEAR: 2000-2001

DESCRIPTION:

1" Asphalt Overlay

ROAD NAME	SUBDIVISION	KEY
Cunningham Road	* Pine Hammock	Big Pine Key
Richard Road	Piney Point	Big Pine Key
Chambers Street	Kinercha	Big Pine Key
Chapman Street	Kinercha	Big Pine Key
Fifth Avenue	Kinercha	Big Pine Key
Hammock Drive	Pine Hammock	Big Pine Key
Lord Court	Pine Hammock	Big Pine Key
Mac's Court	Pine Hammock	Big Pine Key
Pilot's Court	Pine Hammock	Big Pine Key
Pine Drive	Pine Hammock	Big Pine Key

* Eligible Collector Road

A. ENGINEERING COSTS BY MONROE COUNTY:

	<u>Actual Cost</u>	<u>Actual Cost</u>
	\$0.00	
TOTAL ENGINEERING COSTS		<u>\$0.00</u>

B. CONSTRUCTION COSTS:

1. Materials:

	<u>Quantity</u>		<u>Unit Cost</u>	<u>Actual Cost**</u>
Crushed rock	73.49	Tons	\$4.15	\$304.98
Dump	48.49	Tons	\$92.00	\$4,461.08
Asphalt	745.96	Tons	\$23.50	\$17,530.06
Stop Bars	10.00	Each	\$5.18	\$51.80
Emulsion	1000.00	Gallons	\$0.9300	\$930.00
				<u>\$930.00</u>
			Subtotal	<u>\$23,277.92</u>

PROJECT COST

2. Labor	1,558.37	Hours	\$12.86	\$20,034.47
(with benefits)	1,558.37	Hours	\$3.22	<u>\$5,024.66</u>
			Subtotal	\$25,059.13
3. Travel Vouchers				\$1,465.50
TOTAL CONSTRUCTION COSTS				\$49,802.55
TOTAL PROJECT COST				<u>\$49,802.55</u>

** See Appendix E for Details